



(43) International Publication Date
23 December 2004 (23.12.2004)

PCT

(10) International Publication Number
WO 2004/111384 A1

(51) International Patent Classification⁷: **E21B 43/08**

(21) International Application Number:
PCT/SG2004/000181

(22) International Filing Date: 16 June 2004 (16.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
200303719-9 17 June 2003 (17.06.2003) SG

(71) Applicant (for all designated States except US): **COM-
PLETION PRODUCTS PTE LTD** [SG/SG]; 35 Tuas
View Walk 2, Singapore 637560 (SG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KLUGER, Dieter**

Adolf [AU/SG]; Completion Products Pte Ltd, 35 Tuas
View Walk 2, Singapore 637560 (SG). **DOWSETT,
Graeme John** [AU/SG]; Completion Products Pte Ltd, 35
Tuas View Walk 2, Singapore 637560 (SG).

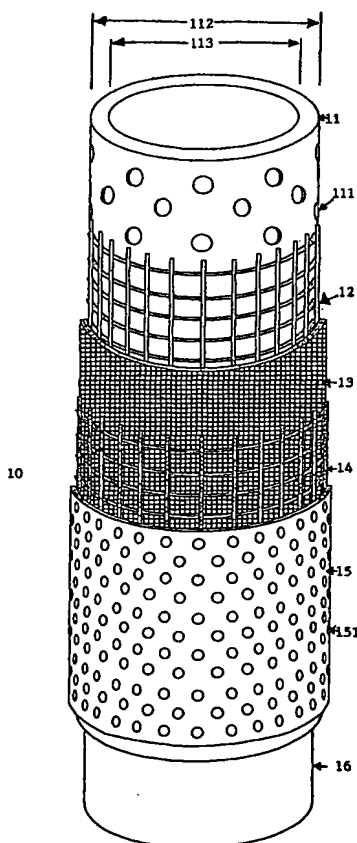
(74) Agent: **GREENE-KELLY, James Patrick**; Lloyd Wise,
Tanjong Pagar, P.O. Box 636, Singapore 910816 (SG).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: A WELL SCREEN



(57) Abstract: A well screen (10) is proposed having an outer standoff layer (14) between the protective screen (15) and the filter medium (13). A method of making the well screen (10) is also proposed, comprising a step of pulling an open-ended cylinder of filter medium (13) over underlying layers (12) in the well screen (10). Furthermore, a method is proposed using series resistance welding for sealing seams in the layers making up the well screen (10).



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.